Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 11 Sep 2021 until 23:59 on Sunday 12 Sep 2021

Forecast Issued on Saturday 11 Sep 2021 at 03:35

Confidence: High for rather cloudy conditions over the coming days with poor visibility being the main hazard due to low cloud. Confidence falls from later Sunday regarding the extent of rainfall.

Headline for Saturday 11 Sep 2021: Poor visibility initially, but bright and mainly dry conditions by afternoon.

Mountain weather hazards on Saturday 11 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Cloudy
Precipitation probability					
30%	20%	20%	20%	20%	20%

Forecast for Saturday 11 Sep 2021

Weather: Westerly winds will continue to bring a feed of mild, moist air in off the Irish Sea leading to extensive low cloud and patchy drizzle through much of the morning, with the best of any shelter across the eastern foothills. Conditions will improve into the afternoon with some limited sunny spells materialising although a few showers may also develop.

Chance of cloud free mountain/hill tops above 600m: 10% improving 80%.

Visibility: Widely very limited through morning above around 400m due to cloud and drizzle. Hazy on lower slopes. Improving significantly by afternoon as this cloud lifts and breaks with some good views on offer. Passing showers likely doing little to affect visibility.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Saturday 11 Sep 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/21 W	17/23 W	18/25 W	19/26 W	16/22 W	13/18 W	12/16 W
300	13/18 W	13/19 W	13/20 W	15/23 W	11/18 W	7/12 W	7/11 SW
Valley	10/19 W	10/19 W	11/22 W	12/23 W	9/19 W	5/13 W	4/10 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/11	13/10	13/10	13/10	12/9	11/8	10/8
300	15/13	15/12	16/14	16/13	14/12	13/12	13/12
Valley	15/14	15/14	16/15	17/14	15/13	14/13	13/13
Freezing Level*	2700m	2600m	2500m	2400m	2400m	2400m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Be prepared for poor visibility across the hills through morning, this making navigation difficult on higher ground.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 11 Sep 2021	3.8mm	8.6mm	8.6mm

Forecast for Sunday 12 Sep 2021

Weather: Predominantly cloudy throughout but a shift in the wind direction from the west round to the northeast will give much more shelter to western slopes compared to previous days. Scattered showers are likely to develop by afternoon. Most likely a cloudy end to the day with further rain possible, although this is uncertain.

Maximum wind: North or northeast 10-15mph.

Chance of cloud free mountain/hill tops above 600m: 50%.

Visibility: Cloud detail is unreliable but periods of extensive cloud above around 500m look likely, especially early and late in the day. Less hazy than previous days at lower levels. Passing showers may briefly obscure neighbouring slopes.

Temperature: **Valleys:** Plus 10 Celsius rising to 15 Celsius.
At 600m: Around plus 10 Celsius.
Freezing level: Well above summits.

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